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**DIMERIZATION OF AROMATIC HALOGEN COMPOUND**

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**Abstract:**

**PURPOSE:** To readily obtain diaryl compounds in high selectivity and yield, by subjecting an aromatic halogen compound to dehalogenodimerization in the presence of a platinum metal catalyst and alkali metal compound in an aqueous medium while coexisting chloroform and amine.

**CONSTITUTION:** An aromatic compound having at least one halogen such as 4-chloroorthophthalic acid monosodium salt at an aromatic nucleus carbon subjected to dehalogeno dimerization reaction in the presence of a platinum group metal catalyst such as Pd/C and an alkali (earth) metal compound such as NaOH together with chloroform and amine such as methyl amine in an aqueous solvent consisting of only water or water and inert solvent such as tetrahydrofuran at 50W200°C under ordinary pressure W 200kg/m<sup>2</sup> to provide the aimed compound such as 3,4,3',4'-biphenyltetracarboxylic acid sodium salt useful as a raw material for producing heat resistant polyimide resin.

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